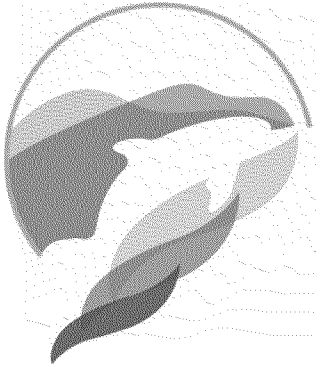
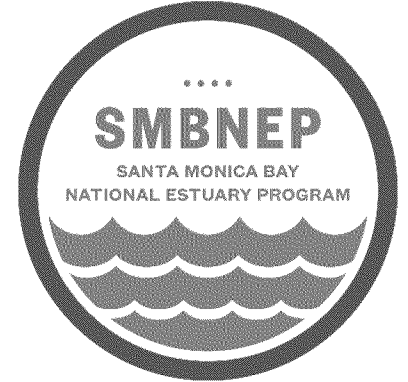
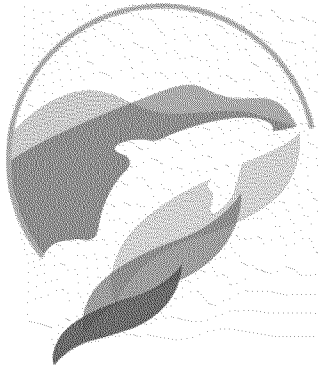
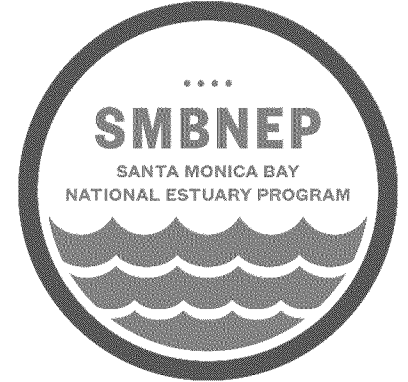


An underwater photograph showing a sandy seabed with patches of seagrass. Several small fish are visible swimming in the water. The lighting is somewhat dim, creating a serene underwater atmosphere.

# REVISION OF THE SANTA MONICA BAY NATIONAL ESTUARY PROGRAM BAY RESTORATION PLAN



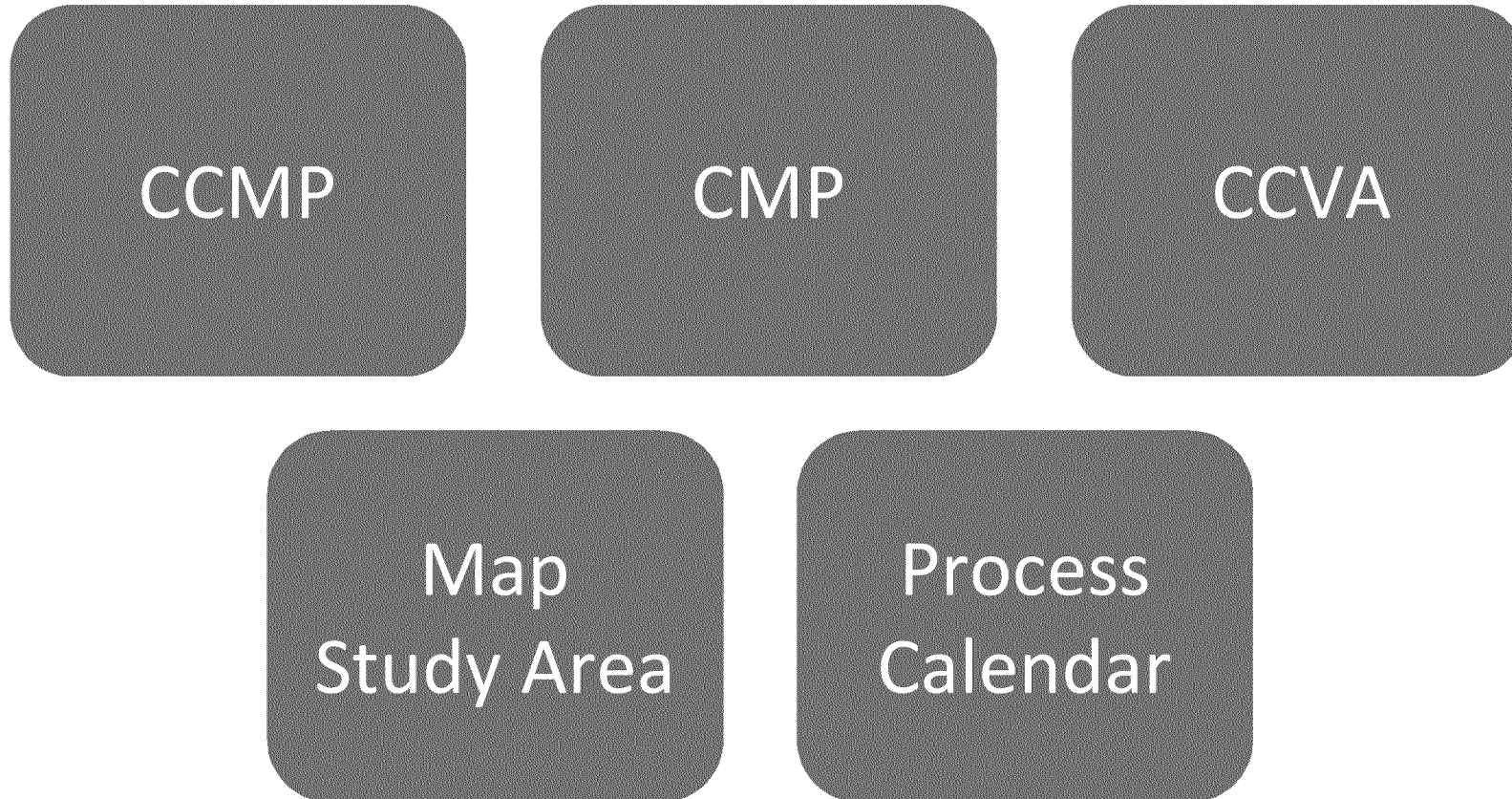
- The Governing Board, Technical Advisory Committee and Watershed Advisory Council serve as the Management Conference for the SMBNEP.
- The Governing Board serves as the Management Committee for the SMBNEP
- SMBRC and TBF as memorialized in the MOA and MOU are the principal partners in the SMBNEP. TBF is the host entity of the SMBNEP.



- As mandated by EPA regulations our Bay Restoration Plan which serves as the **Comprehensive Conservation and Management Plan (CCMP)** for the SMBNEP needs to be revised.
- This revision requires that we assess and change the BRP as a result of progress made on goals, incorporation of climate change, and simply due to the passage of time.
- The BRP was updated in 2013



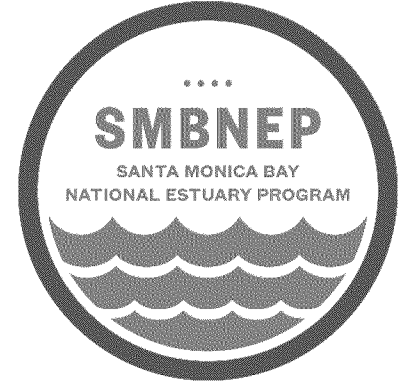
# COMPONENTS OF THE CCMP REVISION



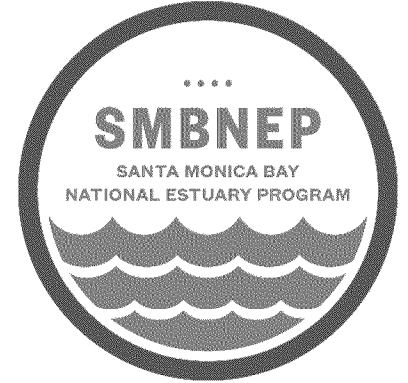
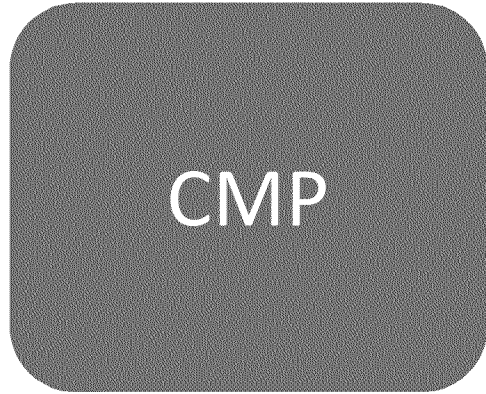




CCMP



- A revised **Comprehensive Conservation and Management Plan (CCMP)** should include the following:
  - new priorities, goals, objectives, and action plans,
  - new action plans that indicate:
    - 1) whether they replace or enhance former plans,
    - 2) wherever possible which entities will serve as lead implementers,
    - 3) a timeline and milestones for completion, and
    - 4) performance measures (quantitative environmental results wherever possible).



The CMP is the  
**Comprehensive Monitoring  
Program**

The Technical Advisory  
Committee (TAC) of the  
SMBRC is engaged with  
SMBRC and TBF staff to revise  
the CMP

- Last version from 2007
- TAC has already started with review
- Focus on ecosystem response
- Will include information from CCVA

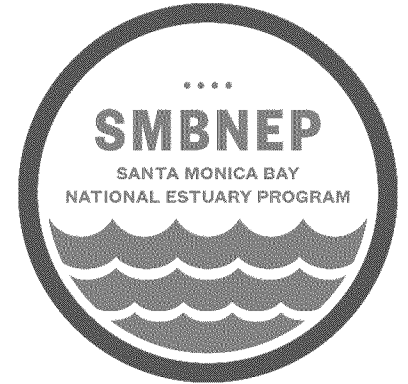


CCVA

The CCVA is the  
**Climate Change  
Vulnerability  
Assessment**

All NEP's are expected to apply the findings of their CCVA to their CCMP's no later than 2020.

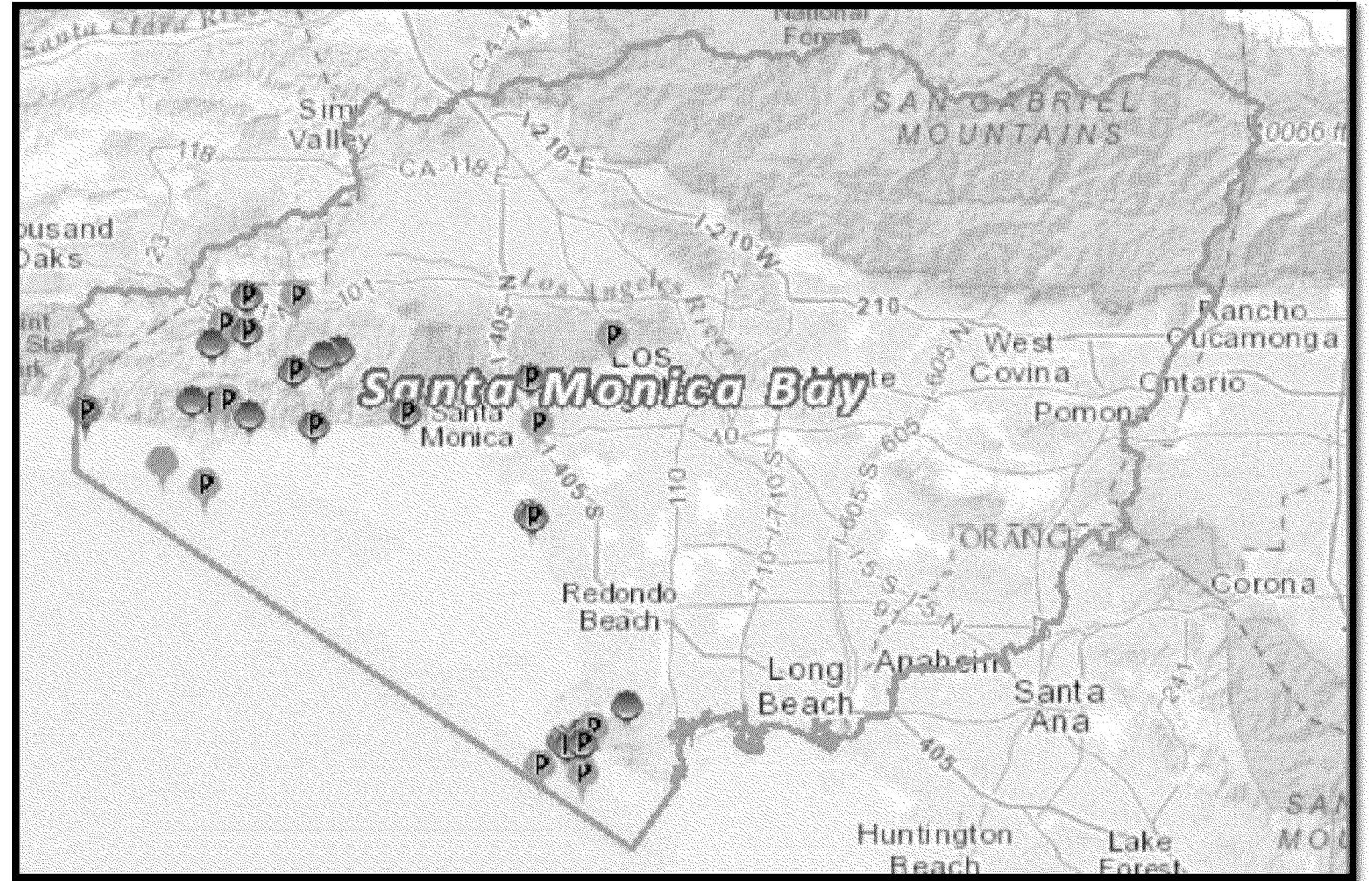
- SMBNEP completed phase one of the CCVA in September 2016
- Evaluated the Goals, Objectives and Milestones of the BRP against six stressors:
  - Warmer Temperatures
  - Warmer Water
  - Increasing Drought
  - Increasing Storminess
  - Sea Level Rise
  - Ocean Acidification





## Map Study Area

CCMP revision requires consideration of new information that warrants a change of study area.



## Process Calendar

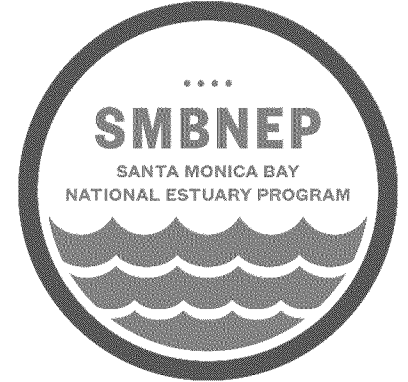


## CCMP

## Governing Board Roles

- Propose that we utilize Governing Board meetings in workshop format to discuss changes to the BRP
  - August 2017 - October 2017 – December 2017
  - February 2018 – April 2018 - June 2018 – August 2018
- Propose that sub-committees be established to inform and ensure progress
- Expect revision format, priorities and changes be produced and reviewed within the next twelve months

## Process Calendar



## CCMP

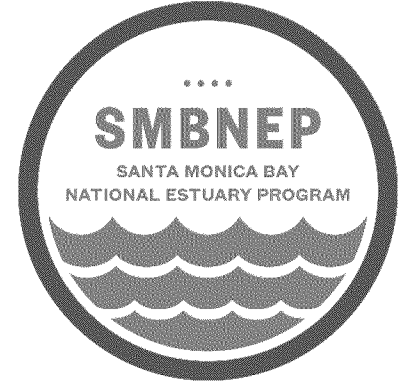
- Propose TAC to consider changes to CCMP in conjunction with CMP

## Technical Advisory Committee Role

- Propose TAC report to GB on relevant concerns and developments regarding CCMP-CMP in early 2018



## Process Calendar



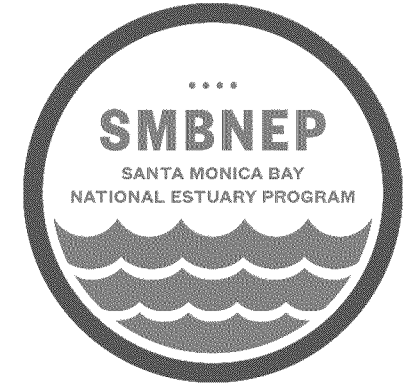
## CCMP

- Propose engaging WAC through three meetings over the next twelve months

## Watershed Advisory Council Role

- Propose use of facilitator to engage WAC and consolidate concepts for CCMP revision

## Process Calendar

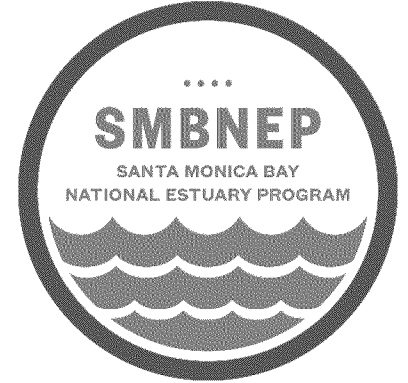


## CCMP

## Public Role

- Guidance directs the SMBNEP to communicate to a broad audience, specifically outside the Management Conference.
- Propose TBF and SMBRC staff conduct presentations and collect suggestions from the general public and interest groups starting in fall 2017.
- Propose TBF and SMBRC staff capture and consolidate concepts for CCMP revision and report out to GB.

## Process Calendar



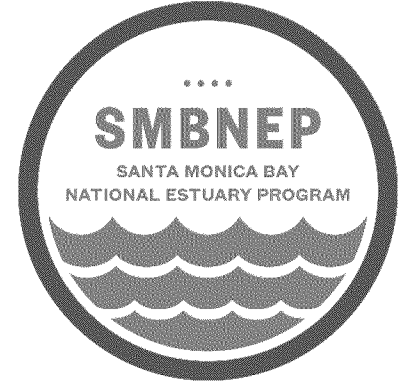
CMP

## **Comprehensive Monitoring Program**

- TAC and SMBNEP staff supported effort.
- Intended completion of final draft early 2018
- Brought to GB for consideration in early 2018



## Process Calendar



CCVA

## Climate Change Vulnerability Assessment

- Completed phase one in September 2016
- Staff progressing on phase two action planning
- Will present to TAC end of 2017 and to GB in concert with CMP early 2018

# Governing Board Schedule for Revision Processes 2017

- Bring a plan to the Executive Committee at July meeting.
- Bring the results of EC meeting to the GB in August.
- Identify public outreach targets at August meeting.
- Establish committees and schedule at August meeting.
- September: staff distributes BRP, in sections to committees
- October meeting: convene committees in workshop setting for initial vetting of BRP
- December meeting: staff presents drafts of committee results
- December meeting: staff presents draft of WAC meetings

# Governing Board Schedule for Revision Processes 2018

- February meeting: CMP CCVA progress and draft presentation and consider Map Study Area Changes
- April meeting: presentation of public outreach - input
- April – May: conduct webinars with committees to discuss present drafts of BRP sections.
- June meeting: present draft of BRP
- August meeting: present final draft of BRP for consideration of approval



# Related Schedules

# TAC 2017

- Based upon outputs of August 2017 GB meeting and June 2017 TAC meeting:
  - Staff will devise schedule and deliverables for production of the CMP and CCVA integration as directed by TAC at October meeting.
- September: convene 2017 TAC workshop on Comprehensive Monitoring Program, (Map Study Area considerations).
- December meeting: discuss/inform CMP – CCVA draft plan progress, (Map Study Area considerations).

# Related Schedules      WAC 2017

- Schedule two to three meetings, (workshop format) of the Watershed Advisory Council in September through early November.
- Present findings of the WAC meetings to the Governing Board at the December meeting.

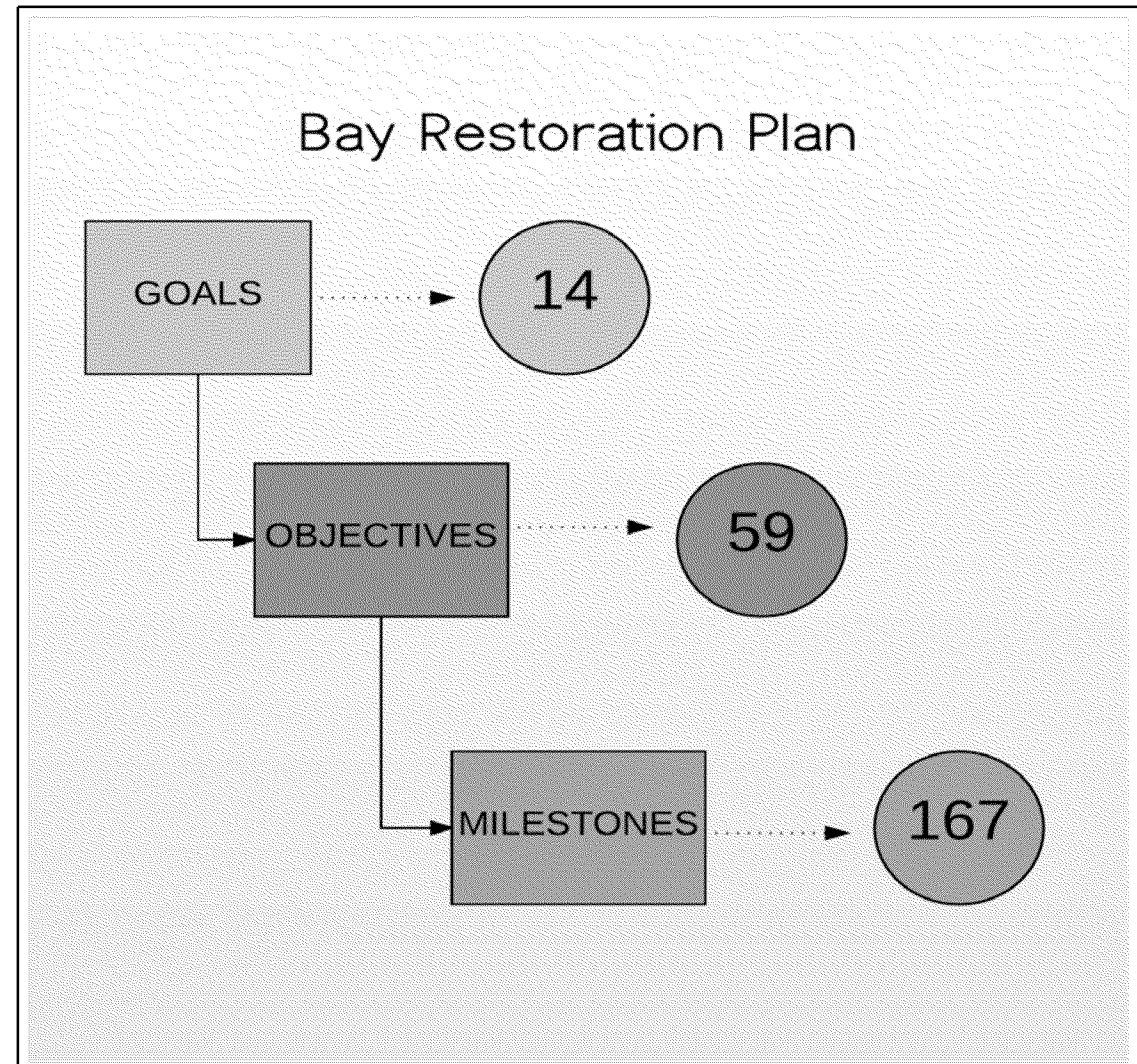
# Related Schedules

# Public Outreach 2017

- August- September: Identify organizations and entities for presentations.
- September – December: schedule, conduct and capture input at meetings.
- September: establish web based portal or system to accept comments and submissions.

# 2013 Bay Restoration Plan

- Three Priority Issues
  - Water Quality
  - Natural Resources
  - Benefits and Values to Humans



# 2013 Bay Restoration Plan

- Priority Issue: Water Quality

- Goal #1: Improve water quality through treatment or elimination of pollutant discharges regulated under the current federal and state regulatory framework
  - Objective 1.2: Eliminate and prevent water and sediment quality impairments from both point and nonpoint sources for waterbodies in the Malibu Creek Watershed.
    - Milestones:
      - 1.2a Complete development of the Malibu Creek nutrient and benthic TMDLs and the TMDL implementation plan with enhanced stakeholder participation by 2014.
      - 1.2b Facilitate achievement of TMDL allocation targets through new nonpoint source control measures such as improved fertilizer management in the Malibu Creek watershed by 2020.
      - 1.2c Conduct additional monitoring and studies to evaluate factors from both upper and lower watershed that affect algal growth and benthic macroinvertebrate impairments in Malibu Creek by 2015.

# 2013 Bay Restoration Plan

- Priority Issue: Natural Resources

- Goal #9: Restore rocky intertidal and subtidal habitats
  - Objective 9.2. Protect and manage rocky intertidal habitat 1.2:
    - Milestones:
      - 9.2a. Conduct a pilot project to test three different methods of intertidal protection by 2015.
      - 9.2b. Propose adoption of optimal management measures by responsible agencies by 2015.
      - 9.2c. Promote public and school education and adoption of measures for protecting sensitive habitats during tidepool fieldtrips.



# Proposed 2018 Bay Restoration Plan

- Priority Issues – Update/Rephrase
  - Water Quality → Water Resources and Water Quality
  - Natural Resources → Natural Resources
  - Benefits and Values to Humans → Coastal Stewardship
- Goals and Objectives – Streamline and clarify
- Milestones – Recast as action with output and timeline



Questions ?

Comments.

Suggestions...